



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Jean-Louis BOYER et al.

Group Art Unit: 3641

Application No.: 09/101,508

Examiner: Troy Chambers

Filed: September 30, 1998

Docket No.: 100983

For: PROGRAMMABLY TIMABLE PRIMING DEVICE

**PETITION TO RESET A PERIOD FOR REPLY
DUE TO NON-RECEIPT OF OFFICE ACTION**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attention: Group Director of Technology Center 3600

Sir:

It is respectfully requested that the statutory period for replying to the January 23, 2004 Final Office Action be reset. The Final Office Action was not received by the Applicants' representative. Although it appears that a Letter Restarting the Period for Response was mailed from the Patent Office on February 19, 2004, a search of the file jacket and docket records indicates that neither the Final Office Action or the Letter Restarting the Period for Response were received.

Attached to this communication is a copy of the docket records for the Law Firm of Oliff & Berridge, PLC listing all the responses in our office with a due date of July 23, 2004 and August 19, 2004. Had either the January 23, 2004 Final Office Action or the February 19, 2004 Letter Restarting the Period for Response been received, they would have been entered into the docketing records, showing date stamps of January 23, 2004 and February 19, 2004, and due dates of July 23, 2004 and August 19, 2004. The attached docket record for both July 23, 2004 and August 19, 2004 does not identify this case by our Attorney Docket No. 100983.

In addition, attached is the manual docket sheet maintained on the file jacket for the undersigned and file for this application. Had either the January 23, 2004 Office Action or the February 19, 2004 Letter Restarting the Period for Response been received, they would have been written after the October 14, 2003 Amendment and before the April 16, 2004 Communication to Examiner. The file jacket does not indicate receipt of either of these communications.

Furthermore, it appears that the Office Action was mailed on January 23, 2004, and then the mail date was hand-corrected by the Patent Office on February 19, 2004 to restart the response period. The first page of the Office Action shows the original mail date of January 23, 2004 and the hand-corrected date written over the January 23, 2004 date with the initials "DRS." Attached to this communication is a copy of the front page of the Final Office Action, downloaded by Applicants' representative from PAIR.

It is also noted that a Communication to Examiner was filed in the Patent Office on April 16, 2004 requesting that the Office Action be re-mailed. However, a reply to the Communication to Examiner was never received.

In view of the foregoing, it is respectfully submitted that 1) neither the January 23, 2004 Final Office Action or the February 19, 2004 Letter Restarting the Period for Response were received by Oliff & Berridge, PLC; 2) a search of the file jacket and docket records indicates that neither the Final Office Action or the Letter Restarting the Period for Response were received; and 3) the attached docket records show where the non-received Final Office Action and Letter Restarting the Period for Response would have been entered had they been received and docketed and demonstrate that the Final Office Action and Letter Restarting the Period for Response under Attorney Docket No. 100983 were not received nor docketed on January 23, 2004 and February 19, 2004.

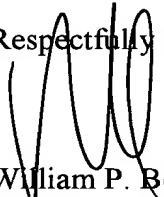
Concurrently with this Petition is a Notice of Appeal to prevent the application from becoming abandoned. As this Petition does not result from any error on the part of the

undersigned, it is respectfully submitted that no Petition Fee or Appeal Fee is due. However, please debit Deposit Account No. 15-0461 as needed to ensure consideration of this Petition and Notice of Appeal.

Please telephone the undersigned if any questions arise in connection with this matter. Furthermore, Applicants respectfully request that any fees charged for filing a Notice of Appeal be credited to Deposit Account No. 15-0461.

Accordingly, in accordance with MPEP §710.06, it is respectfully requested that the period for reply be restarted and that the non-received Final Office Action be re-mailed to the Attorneys of record.

Respectfully submitted,



William P. Berridge
Registration No. 30,024

Richard S. Elias
Registration No. 48,806

WPB:RSE/eks

Attachments:

Copy of Office Action
Notice of Appeal and Petition for Extension of Time
Docket Records for July 23, 2004 and August 19, 2004
File Jacket
Copy of Image File Wrapper

Date: August 2, 2004

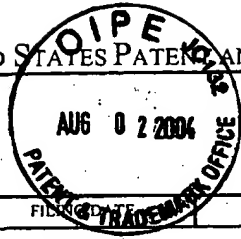
OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**

Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461



UNITED STATES PATENT AND TRADEMARK OFFICE



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/101,508	09/30/1998	JEAN-LOUIS BOYER	100983	9727

25944 7590 01/23/2004

OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRIA, VA 22320

EXAMINER

CHAMBERS, TROY

ART UNIT	PAPER NUMBER
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3641
DATE MAILED: 01/23/2004

remail 2-19-04 ORS

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/101,508

Applicant(s)

BOYER ET AL.

Examiner

Troy Chambers

Art Unit

3641

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 October 2003.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 14-29 and 32-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 14-29 and 32-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Specification

1. The substitute specification filed October 22, 2003 is objected to under 35 U.S.C. 132 because it introduces new matter into the disclosure. 35 U.S.C. 132 states that no amendment shall introduce new matter into the disclosure of the invention. The added material that is not supported by the original disclosure is as follows: the specification contains instances of new matter, all of which will not be repeated. For example: pg. 5, line 7 recite the phrase, "an electromechanical assembly 41 comprising, *for example*, a mechanical clock. In the original specification, the mechanical clock was not disclosed as an "example" of an electromechanical assembly. The phrase "for example" should be removed because it broadens the range of elements that may qualify as an electromechanical assembly. Applicant is required to cancel the new matter in the reply to this Office Action.

2. The Examiner has withdrawn any previous objections not repeated herein.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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1. Claims 14 and 15 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter that was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Specifically, applicant's claim 14 recites, "wherein, the timing means and power generating means have resistors limiting *the first power intensity*." However, the specification discloses resistor that limit "a current" if transistors 50 and 55 fail rather than limit the first power intensity. It is the Examiner position that the first power intensity is already insufficient to prime the detonator. This understanding is supported by the applicants own claim 14 ("the first power intensity from the power supply not being sufficient to actuate the firing element), the specification (pg. 2, ll. 10, "the first current *emerging* from the power supply not being sufficient) and arguments presented in previous amendments (Amend. B, filed 04 April 2001, pg. 5, ll. 20-23).

1. Claims 14 and 15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Specifically, it is not clear how or why the resistors limit the first power intensity. As the Examiner stated above, the specification and prosecution history make it clear that the initial intensity (6V) provided by the power supply is not sufficient to prime the detonator but only sufficient to charge the capacitor. Hence, the applicant's claim of resistors limiting the power supply even further does not make sense.

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2. Claims 36-42 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter that was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Specifically, claim 36 recites, "the first power intensity *combined* with a power intensity provided by discharging the capacitor at the expiration of the timing interval provides a second power intensity sufficient to actuate the firing element." However, the first power intensity is not combined with a power intensity provided by discharging the capacitor. The first power intensity is used to charge a capacitor and is shut off. The new power intensity held by the capacitor is the second power intensity. If, as the applicant claims, a first power intensity is combined with a power intensity provided by discharging the capacitor (a second power intensity), then a third power intensity would result. This is not provided for in the specification.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. As applicant's claimed device can best be understood in view of the above objections/rejections, claims 14-20, 22, 23, 25, 26, 27, 28, 32, 33, 34, 35 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5014622 issued to

Jullian. Jullian discloses a blasting cap (EBC1-3) and either a galvanometer 18 or blasting machine 20 for its detonation.

3. With respect to claim 14, Jullian discloses a blasting cap having timing means comprising switching means (transistors Q1, Q2 and Q3); and, an electrical power supply and power generating means, comprising a first power supply to control and operate the control logic supply; a second power supply to detonate an igniter circuit; the first power supply being insufficient to detonate the device. (Col. 9, ll. 3-22). Also disclosed is a plurality of resistors R1-R5, R13 and R14 for limiting current intensity. Even if the switching means fails, the first power supply intensity is not sufficient to prime the detonator.

4. With respect to claim 15, each power supply is controlled by a chargeable capacitor (col. 9, ll. 3-5, ll. 23-40 and ll. 41-57) that also includes switching means including transistors and an integrated circuit (IC) for controlling the switching.

5. With respect to claim 16, refer to the rejection of claims 14 and 15 above.

6. With respect to claim 17, Jullian discloses control means IC.

7. With respect to claim 18, Jullian discloses transistors Q1, Q2 and Q3.

8. With respect to claim 19, Jullian discloses programming means 18.

9. With respect to claim 20, Jullian discloses code wheel (keyboard 24).

10. With respect to claim 22, programming means 18 is external and has connector 30.

11. With respect to claim 23, refer to the col. 4, ll. 7 to col. 5, ll. 40 that discloses the various components of the external programming means including a power supply (12V

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DC power supply), a microcontroller 52, display 26 and programming switches (col. 5, ll. 30-35).

12. With respect to claim 25, Jullian discloses programming means 18 having microcomputer 52.

13. With respect to claim 26, Jullian discloses connector 30.

14. With respect to claim 27, the blasting galvanometer itself can serve as a mechanical timing means.

15. With respect to claim 28, the operator or keyboard comprises the booby trap means.

16. With respect to claims 32 and 33, Jullian discloses galvanometer 16.

17. With respect to claims 34 and 35, Jullian discloses control means IC and, as stated previously, the power supply provided by the capacitor C1 is not sufficient to prime the detonator. The insufficiency of the charge of C1 will be the case regardless of the failure of any other components.

18. The Applicant may notice that a single element may have been used to reject different means limitations in different claims. Applicant should be made aware that a single limitation might be a part of more than one means limitation. For example, a battery may be part of an applicant's energy means and generating means.

Claim Rejections - 35 USC § 103

19. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

20. Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jullian in view of U.S. Patent No. 5899553 issued to Howell. Jullian discloses a galvanometer and blasting machine having code wheel 24, 74. However, it is not disclosed that the code wheels are illuminated. Howell discloses a device for the illumination of keypads. At the time of the invention, one of ordinary skill in the art would have found it obvious to provide the code wheels of Jullian with the illumination device of Howell. The suggestion/motivation for doing so would have been to provide a means for illuminating a push-button keypad.

21. Claim 24 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jullian in view of Jarrot. Jullian discloses a safe/arm device as described above. However, Jullian does not disclose the use of phototransistors. Jarrott discloses such subject matter. Specifically, Jarrott discloses a programmable electronic delay fuse comprising: a power source 33; a programmable timer 2 including a first delay timer A and a second delay timer B; an optical interface unit 1 (phototransistors) for transmission of delay-related clock signals to an external programming unit; a control processor 31; a display 32; and a keyboard 30. At the time of the invention, one of ordinary skill in the art would have found it obvious to provide the device of Jullian with the subject matter of Jarrott. The suggestion/motivation would have been to convey information via light rather than through a cable.

3. Claim 16, 28 and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. 5218574 issued to Peregrim in view of Jullian. Peregrim discloses an electrical firing circuit including a breakwire 44, a delay time switch 42, transistors 56, 62, 76 and a silicon-controlled rectifier. Peregrim also discloses a plurality of resistors including 58 and 60 and capacitors 16, 22 and 46. However, Peregrim does not disclose a circuit configuration in which a first power supply operates a timing means and a second power supply capable of actuating the primer, the first power supply not capable of actuating the primer even if the switching means fails. As explained above, Jullian discloses such a circuit. At the time of the invention, one of ordinary skill in the art would have found it obvious to provide the electrical breakwire circuit with the features disclosed by Jullian. The suggestion/motivation for doing so would have been to increase the safety factor of the Peregrim circuit.


MICHAEL J. CARONE
SUPERVISORY PATENT EXAMINER

Response to Arguments

Applicant's arguments filed 22 October 2003 have been fully considered but they are not persuasive.

With respect to the "even if the switching means fail" limitation in applicants claims, col. 5, ll. 14-19 make it clear that the 12 volt power supply is not capable of detonating the device unless it is properly increased to 48 volts. If "other components" (applicant does not specify which components must fail so any will be chosen) fail (e.g. the components used to increase the voltage from 12 volts to 48 volts) then the 12 volts will be insufficient to detonate the device.

The Applicant argues Jullian does not disclose an electronic circuit design using components that can limit current intensity in case of power supply disturbances, hazardous phenomena, etc. However, the Examiner has found present in Jullian each and every claim limitation including the limitation requiring the safe operation of the device "even if the switching means fails" as described above.

The Applicant argues Jullian does not disclose the claimed switching means. To the contrary, Jullian discloses Q1-Q3, a silicon controlled rectifier (SCR). Transistor Q2 serves to short the capacitor C2 and, therefore, must be turned off to perform the arming sequence (col. 9, ll. 50-57).

With respect to the rejection of claim 20, the Applicant argues that Howell "does not teach or suggest a programming means having at least one code wheel electrically connected to a microcontroller." However, the Howell reference was only used to teach

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

22. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Troy Chambers whose telephone number is (703) 308-5870. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael J. Carone, can be reached at (703) 306-4198.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-4177. The fax phone number for the organization where this application or proceeding is assigned is (703) 306-7687.

MICHAEL J. CARONE
SUPERVISORY PATENT EXAMINER

Notice of References Cited				Application/Control No.		Applicant(s)/Patent Under Reexamination			
				09/101,508		BOYER ET AL.			
				Examiner		Art Unit			
				Michael J Carone		3643			
U.S. PATENT DOCUMENTS									
*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **		
							APS	OTHER	
<input type="checkbox"/>	A	4,632,031	Dec. 1986	Jarrott et al.	102	200	<input type="checkbox"/>	<input type="checkbox"/>	
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FOREIGN PATENT DOCUMENTS									
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NON-PATENT DOCUMENTS									
*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)						DOCUMENT SOURCE **	
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<input type="checkbox"/>	V							<input type="checkbox"/>	<input type="checkbox"/>
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*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

**APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office

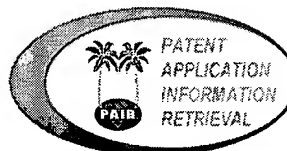
PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 10



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**PATENT APPLICATION INFORMATION RETRIEVAL**

Search results as of: 8-2-2004::13:20:38 E.T.

Search results for application number: 09/101,508			
Application Number:	09/101,508	Customer Number:	25944
Filing or 371(c) Date:	09-30-1998	Status:	Final Rejection Mailed
Application Type:	Utility	Status Date:	02-19-2004
Examiner Name:	CHAMBERS, TROY	Location:	ELECTRONIC
Group Art Unit:	3641	Location Date:	-
Confirmation Number:	9727	Earliest Publication No:	-
Attorney Docket Number:	100983	Earliest Publication Date:	-
Class/ Sub-Class:	102/200	Patent Number:	-
First Named Inventor:	JEAN-LOUIS BOYER, COLLOBRIERES, (FR)	Issue Date of Patent:	-
Title Of Invention:	PROGRAMMABLY TIMABLE PRIMING DEVICE		

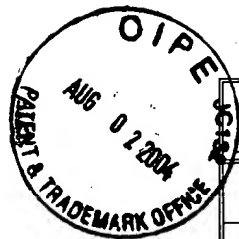
Search Options

Assignments
Display References
Foreign Priority
Image File Wrapper
Publication Review

File History	
Date	Contents Description
04-16-2004	Miscellaneous Incoming Letter
02-19-2004	Mail Notice of Restarted Response Period
02-19-2004	Letter Restarting Period for Response (i.e. Letter re: References)
01-23-2004	Mail Final Rejection (PTOL - 326)
01-21-2004	Final Rejection
10-14-2003	Substitute Specification Filed
11-06-2003	Date Forwarded to Examiner
10-14-2003	Response after Non-Final Action
10-14-2003	Request for Extension of Time - Granted
07-28-2003	Examiner Interview Summary Record (PTOL - 413)
05-30-2003	Miscellaneous Incoming Letter
06-12-2003	Mail Non-Final Rejection
06-11-2003	Non-Final Rejection
06-05-2003	Date Forwarded to Examiner

05-23-2003	Response after Non-Final Action
05-16-2003	Mail Notice of Informal or Non-Responsive Amendment
05-15-2003	Date Forwarded to Examiner
05-15-2003	Date Forwarded to Examiner
05-12-2003	Request for Continued Examination (RCE)
05-15-2003	Express Abandonment (for Entry of CPA / RCE / Rule129)
05-12-2003	Workflow - Request for RCE - Begin
04-29-2003	Mail Advisory Action (PTOL - 303)
04-28-2003	Advisory Action (PTOL-303)
04-10-2003	Incoming Letter Pertaining to the Drawings
04-18-2003	Date Forwarded to Examiner
04-10-2003	Amendment after Final Rejection
02-12-2003	Mail Final Rejection (PTOL - 326)
02-10-2003	Final Rejection
01-28-2003	Date Forwarded to Examiner
01-23-2003	Informal or Non-Responsive Amendment after Examiner Action
01-23-2003	Response after Non-Final Action
01-09-2003	Mail Notice of Informal or Non-Responsive Amendment
01-03-2003	Date Forwarded to Examiner
11-26-2002	Informal or Non-Responsive Amendment after Examiner Action
11-26-2002	Response after Non-Final Action
11-14-2002	Examiner Interview Summary Record (PTOL - 413)
10-10-2002	Mail Non-Final Rejection
10-07-2002	Non-Final Rejection
09-23-2002	Miscellaneous Incoming Letter
07-31-2002	Date Forwarded to Examiner
07-25-2002	Amendment after Final Rejection
06-26-2002	Mail Final Rejection (PTOL - 326)
06-26-2002	Final Rejection
06-21-2002	Date Forwarded to Examiner
06-18-2002	Request for Continued Examination (RCE)
06-21-2002	Express Abandonment (for Entry of CPA / RCE / Rule129)
06-18-2002	Request for Extension of Time - Granted
06-18-2002	Workflow - Request for RCE - Begin
03-11-2002	Mail Advisory Action (PTOL - 303)
03-08-2002	Advisory Action (PTOL-303)
02-25-2002	Date Forwarded to Examiner
02-15-2002	Amendment after Final Rejection
02-12-2002	Examiner Interview Summary Record (PTOL - 413)
12-18-2001	Mail Final Rejection (PTOL - 326)
12-17-2001	Final Rejection
11-27-2001	Date Forwarded to Examiner
11-20-2001	Request for Continued Examination (RCE)
11-20-2001	Express Abandonment (for Entry of CPA / RCE / Rule129)

11-20-2001	Workflow - Request for RCE - Begin
11-09-2001	Mail Advisory Action (PTOL - 303)
11-08-2001	Advisory Action (PTOL-303)
10-15-2001	Date Forwarded to Examiner
10-12-2001	Amendment after Final Rejection
10-12-2001	Request for Extension of Time - Granted
06-19-2001	Mail Final Rejection (PTOL - 326)
06-18-2001	Final Rejection
04-09-2001	Case Docketed to Examiner in GAU
04-02-2001	Incoming Letter Pertaining to the Drawings
04-05-2001	Date Forwarded to Examiner
04-02-2001	Response after Non-Final Action
04-02-2001	Request for Extension of Time - Granted
10-02-2000	Mail Notice of Restarted Response Period
10-02-2000	Letter Restarting Period for Response (i.e. Letter re: References)
09-14-2000	Mail Non-Final Rejection
09-13-2000	Non-Final Rejection
09-30-1998	Initial Exam Team nn
09-30-1998	Preliminary Amendment
03-11-1999	Case Docketed to Examiner in GAU
02-24-1999	Application Dispatched from OIPE
02-23-1999	IFW Scan & PACR Auto Security Review
02-17-1999	Released to OIPE
02-08-1999	Released to OIPE
02-09-1999	Notice of DO/EO Acceptance Mailed
07-13-1998	Petition Entered
07-29-1998	371 Application Preexamination Docketing
07-27-1998	371 Application Preexamination Docketing
07-13-1998	Receipt of 371 Request
07-16-1998	IB Paper Match



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DATE: July 23, 2004

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		REJ DUE	114762
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		ISSUE FEE DUE PUBLICATION FEE DUE (NO DRWGS DUE 4/29/04) DRAWINGS DUE	107596.01
		ISSUE FEE DUE PUBLICATION FEE DUE (NO DRWGS DUE 5/10/04) DRAWINGS DUE	114662
		ISSUE FEE DUE PUBLICATION FEE DUE (NO DRWGS DUE 5/3/04) DRAWINGS DUE	114226
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		REJ DUE	103253
		FR/NOA DUE	102764
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		1 MTH RESTRICTION/ELECTION DUE	115884
		1 MTH RESTRICTION/ELECTION DUE	113996

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DATE: August 19, 2004 (Thursday)

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PROVISIONAL APPLICATION
FILED _____
SERIAL NO. _____
PRIORITY DUE DATE _____

OLIFF & BERRIDGE, PLC
277 SOUTH WASHINGTON STREET, SUITE 500
ALEXANDRIA, VIRGINIA 22314

EXTRA PAPER FILE ☒

COMPUTER NO. _____

☐ CIP of ☐ Continuation of ☐ Divisional of ☒ National Stage of PCT.
Serial No. PCT/FR96/02035
Filed December 20, 1996

Maintenance Fees

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SMALL ENTITY ☐: Assertion Filed _____

DGA/DSP/SDAG
CLIENT

95.15229/PM
CLIENT REF NO.

Juan-Louis Boyer et al.
INVENTOR(S)

09/101, 508
APPL. SERIAL NO.

September 30, 1998
FILING DATE

Programmably Timable Priming Device
INVENTION TITLE

WPM
MEMBER

PJD
WORKING ATTORNEY

3641
GROUP ART UNIT

T. Chambers
EXAMINER

308-5870
EXAMINER PHONE NO.

ASSIGNEE(S): ^① ETAT Francais Represente par Le Delege... ^② Jasem Engineering

Description of Paper	Date of Paper	Due Date (If Any)
<u>Imend. AFR: Reg. for Reg. Appr.</u>	<u>4-10-03</u>	
<u>Advisory Action</u>	<u>4-29-03</u>	
<u>Amendment 1.111 + PCE</u>	<u>5-12-03</u>	
<u>Notice of Non-Compliant Amendment</u>	<u>5-16-03</u>	<u>6-16-03</u>
<u>Amendment - Hand-Carry</u>	<u>5-22-03</u>	
<u>Fixed Country Copy of Official</u>	<u>5-22-03</u>	
<u>Applicant's Summary of Interview</u>	<u>5-30-03</u>	
<u>Rejection</u>	<u>6/12/03</u>	<u>9/12/03</u>
<u>1x</u>	<u>9/12/03</u>	<u>10/12/03</u>
<u>Amend Trans; Pet for EOT; Amend; Spec</u>	<u>10/14/03</u>	
<u>Communication to Examiner</u>	<u>4/16/04</u>	

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